

What is claimed is:

1. A method for dispensing a radioactive liquid, for dispensing a necessary amount of radioactive liquid, comprising the steps of:

5 measuring radioactivity concentration of the radioactive liquid; and
 controlling an amount of dispensation.

2. The method for dispensing a radioactive liquid according to claim 1, wherein

10 said radioactivity concentration of the radioactive liquid is measured when the radioactive liquid pass through a tube constituting a channel of the radioactive liquid.

3. An apparatus for dispensing a radioactive liquid for dispensing a necessary amount of radioactive liquid, the

15 apparatus comprising:

 a first detector measuring radioactivity concentration of the radioactive liquid; and

 a controller controlling an amount of dispensation based on the measurement.

20 4. The apparatus for dispensing a radioactive liquid according to claim 3, wherein

 said first detector measures the radioactivity concentration of the radioactive liquid passing through a tube constituting a channel of the radioactive liquid.

5. A method for dispensing and administering a radioactive liquid for dispensing a necessary amount of radioactive liquid from a container and administering the same, the method comprising the steps of:

5 dispensing the necessary amount from the container by using the dispensing method according to claim 1 or 2, immediately before administration;

 holding the entire amount of the radioactive liquid just dispensed temporarily in a radiation-shielded liquid

10 holding part;

 measuring an amount of radioactivity of the radioactive liquid held in the liquid holding part; and

 administering the entire amount of radioactive liquid.

6. An apparatus for dispensing and administering a

15 radioactive liquid for dispensing a necessary amount of radioactive liquid from a container and administering the same, the apparatus comprising:

 the dispensing apparatus according to claim 3 or 4, for dispensing the necessary amount from the container

20 immediately before administration;

 a liquid holding part capable of holding the entire amount of radioactive liquid just dispensed temporarily;

 a second detector measuring an amount of radioactivity of the radioactive liquid held in the liquid holding part;

and

administering device administering the entire amount of radioactive liquid after the radioactivity measurement.

7. The apparatus for dispensing and administering a
5 radioactive liquid according to claim 6,

further comprising a third detector detecting attenuation in the radioactivity concentration of the radioactive liquid and/or a passage of the radioactive liquid, provided to the channel of the radioactive liquid.